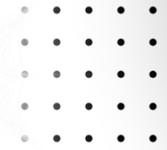


Learn-AI.School

Innovation Challenge 2026

A Competition-Based Training

FOR GRADE 10 & GRADE 12 STUDENTS



GET STARTED 



LEARN-AI

Innovation Challenge 2026

A joint initiative of the Office of the President, the Ministry of Education and Human Resource, the Ministry of Information Technology, Communication and Innovation, in collaboration with Mauritius Telecom, Dayforce, DoraCrea, and our flagship AI partners.

www.learn-AI.School



INTRODUCTION



The world is rapidly evolving, and **Artificial Intelligence** stands at the forefront of this transformation.

As **Artificial Intelligence** continues to redefine **industries** and **societies**, the **organisers**, alongside our **Flagship AI Partners**, are proud to launch the **2nd edition of Learn-AI.School** – a national **Competition-based Training** initiative engaging **Grade 10** and **Grade 12** students from **public** and **private schools** in the **Republic of Mauritius**.

The “**Learn AI.School**” project aims to ignite the passion for technology and empower our youth to think as **Solution Architect** for our **nation's most pressing issues**.

PROJECT SCOPE

This initiative aims to equip **Grade 10 & Grade 12** students along their **Educators** with the foundational knowledge and practical skills in AI.

The ultimate goal is to empower students to confidently develop and showcase their creative AI solutions for the competition's national-level challenges. The project has **TWO Components** - **Training** and **Competition**.

Get ready to innovate, collaborate, and compete!



WWW.LEARN-AI.SCHOOL



THE 15 + 1 NATIONAL CHALLENGES

This project is more than just a competition; it is an opportunity for students to apply **creative thinking** while **learning** and **exploring AI concepts** in the context of real-world challenges. Participants will identify key issues within critical thematic areas impacting the lives of **Mauritians**, **conceptualise AI-driven, citizen-centric solutions**, and present their projects at **regional and national events**. Throughout this journey, students will develop essential **research skills**, **engage with AI technologies**, **cultivate innovation**, **adopt a design thinking mindset**, and **embrace collaboration and knowledge sharing**. Guided by educators and industry experts, they will move from **idea generation** to **solution design**, learning how to use **AI responsibly** to create **meaningful impact**.

The **Learn-AI Innovation** initiative ultimately aims to empower the next generation of **thinkers, creators, and problem-solvers** in Mauritius. Through **hands-on experience, teamwork, and real-world application**, students will bridge the gap between **classroom learning** and **future-ready skills** while building **confidence, leadership, and communication abilities**. This initiative provides a national platform to showcase **ideas, gain visibility, and engage** with a broader innovation ecosystem, contributing to a smarter, more inclusive, and forward-looking society where young minds play a key role in **shaping the future through AI**.



THE 15 + 1 NATIONAL CHALLENGES



Develop AI tools that adapt to different learning styles, helping students across Mauritius improve academic performance through personalised content, revision support, and intelligent tutoring.

AI for Smart Education & Personalized Learning



Design AI systems that can detect phishing, scams, cyber threats, or unsafe online behavior, helping protect individuals, schools, and small businesses in Mauritius from digital risks.

AI for Cybersecurity & Digital Safety



Create AI-powered platforms that can identify, report, or reduce bullying (including cyberbullying), while promoting mental health awareness and safer school environments.

AI to Prevent Bullying & Promote Student Wellbeing



Build AI solutions to address environmental challenges in Mauritius, such as waste management, coastal protection, marine conservation, or climate change adaptation.

AI for Sustainable Environment & Climate Action



Develop AI systems to reduce traffic congestion, improve public transport efficiency, or enhance road safety across urban and rural areas.

AI for Traffic Management & Smart Mobility



Design AI tools that support early diagnosis, symptom checking, or healthcare accessibility, especially for remote or underserved communities.

AI for Healthcare Access & Early Detection



THE 15 + 1 NATIONAL CHALLENGES



Create AI-driven solutions for smart farming, crop monitoring, pest detection, or improving agricultural productivity to support local farmers.

AI for Agriculture & Food Security



Develop AI applications that improve the tourist experience in Mauritius, such as smart guides, recommendation systems, or cultural heritage promotion.

AI for Tourism Enhancement



Design AI tools that can improve access to government services, reduce waiting times, or enhance service delivery in sectors like social security, transport, or licensing.

AI for Public Service Efficiency



Create AI-powered tools that help individuals better manage finances, understand savings, budgeting, or access financial services.

AI for Financial Literacy & Inclusion



Develop AI systems that can predict floods, cyclones, or other natural disasters and improve emergency response coordination in Mauritius.

AI for Disaster Prediction & Emergency Response



Build AI tools that help students identify career paths, develop skills, prepare CVs, or match with future job opportunities in a changing economy.

AI for Job Readiness & Career Guidance



THE 15 + 1 NATIONAL CHALLENGES



Design AI solutions to support people with disabilities (e.g., speech-to-text, navigation assistance, and learning aids), ensuring inclusivity in education and daily life.

AI for Inclusive Society & Accessibility



Create AI systems that can detect fake news, misinformation, or biased content, promoting responsible AI use and informed citizenship.

AI for Ethical Technology & Misinformation Detection



AI enhances energy efficiency, accelerates the energy transition, and optimises grid management by using predictive analytics and machine learning to balance supply and demand in real-time

AI for Energy Optimisation

Create your OWN theme

Disclaimer: Participants may create their own theme. However, all content must remain appropriate, respectful, and aligned with the overall objectives and guidelines of the program. Please note that any proposed theme will be subject to review and will only be validated after verification by the organising committee.



ELIGIBILITY CRITERIA

Open to **Grade 10** and **Grade 12** students in both **public** and **private** schools in the Republic of Mauritius. Schools with at least **one participating team** will be eligible to register for the **training** and **competition**. Each school may enrol up to **two teams per grade**. Each team may consist of up to **5 students** and **one educator**.

AI Experts/Trainers from our **Flagship AI Partners** will provide the **Practical Training** and **Coaching** on **AI Models** and **Technologies** together with their consequential **AI Ethical considerations** to be used during the development of your proposed solution.

WHAT YOU WILL LEARN?

1

AI Fundamentals: Covering core concepts, AI Models, common algorithms, and real-world applications of Artificial Intelligence.

2

Research & Creative Thinking Skills: Students will be coached on how to conduct effective research, define problems, and apply creative thinking methodologies for innovative solutions.

3

Ethical AI and Governance Basics: Introducing principles of responsible AI development and the importance of ethical considerations.

4

Technology Project Development Guidance: Providing basic frameworks for conceptualizing, structuring, and presenting AI project ideas and prototypes.

AI

LEARNING TOOLS



→ **Google Teachable Machine**

Enables students to quickly train custom machine learning models using images, sounds, or poses without coding.

→ **Google Dialogflow**

Helps students create conversational AI (chatbots) that can understand and respond to user queries without coding.

→ **ChatGPT and Google Gemini**

Assists students in generating ideas, refining their project logic, and writing content using natural language prompts.

→ **Canva AI**

Allows students to design visually appealing presentations, logos, and mockups using AI-powered creative tools.

→ **Google Colab**

Provides a beginner-friendly coding environment where students can write and run Python code for data analysis and AI model development.

→ **Any other emerging AI Tools**

Explores additional AI tools that can help students enhance their ideas and develop innovative project solutions.



Project Outcomes

Each Team must submit the following documents online through the www.learn-AI.School portal.

- *Presentation slides [10 minutes] which may include Videos. A*
- *Project Report not exceeding 2000 words.*

Your presentation and report will go through plagiarism check.

It is highly advisable that participants have the following components included in the development of their topic ideas and solutions proposed.

				
Business Innovation	AI-Human Collaboration	Business Sustainability	Citizen Centricity	Ethics & Governance

What is included in your Submission?

As part of this exciting challenge, participants are expected to deliver the following in their presentation and project report:



AI Project Proposal & Research Report

A comprehensive Report of **not more than 2000 words** outlining your chosen theme, problem statement, proposed AI solution, methodology, and expected impact.



Presentation/ Pitch Deck

A compelling presentation of **not more than 10 minutes** of your project and solution to a panel of Juries and Peers.



AI Solution Prototype Proof-of-Concept

A tangible (digital or conceptual) demonstration of your proposed AI solution, showcasing its core functionality and Creative Thinking.



Collaborative Teamwork and Knowledge Sharing

Participation in discussions and sharing insights gained throughout the challenges.

EVALUATION CRITERIA



20
POINTS

Grasps of Topics

Do the team members have an understanding of the topic being given as per the 6 themes of interest mentioned?

20
POINTS

Communication Skills

Is the team being able to communicate AI concepts and ideas to a non-technical audience?

20
POINTS

Real-World Applicability

Is the solution proposed by the team practical? Can it be scaled or adapted for broader use?

20
POINTS

Innovation and Creativity

Is the team members able to present something innovative and thought creatively when applying AI to real world challenges?

10
POINTS

Response to Questions

Is the team able to answer questions from the panel or audience and demonstrated a deep understanding of their project?

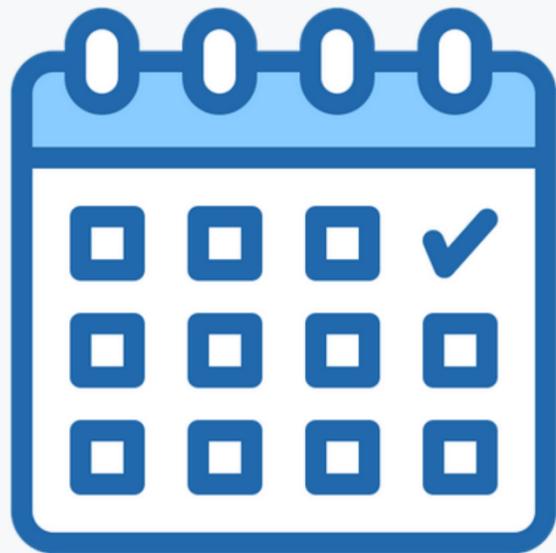
10
POINTS

Adherence to Guidelines

Do the team members adhere to the competition guidelines, including time limits, and theme requirements?

TRAINING & COMPETITION CALENDAR

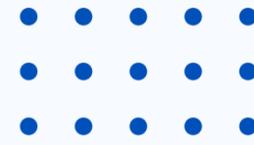
Tentative schedule



-  **Online Training** 06th to 17th April 2026
-  **Recap + Q&A** 22nd April 2026
-  **Project Submission** 12th May 2026
-  **Zone Competition** 20th to 29th May 2026

GRAND FINALE

A GRAND FINALE IS SCHEDULED IN THE MONTH OF JUNE.



SUBMISSION **DEADLINE**

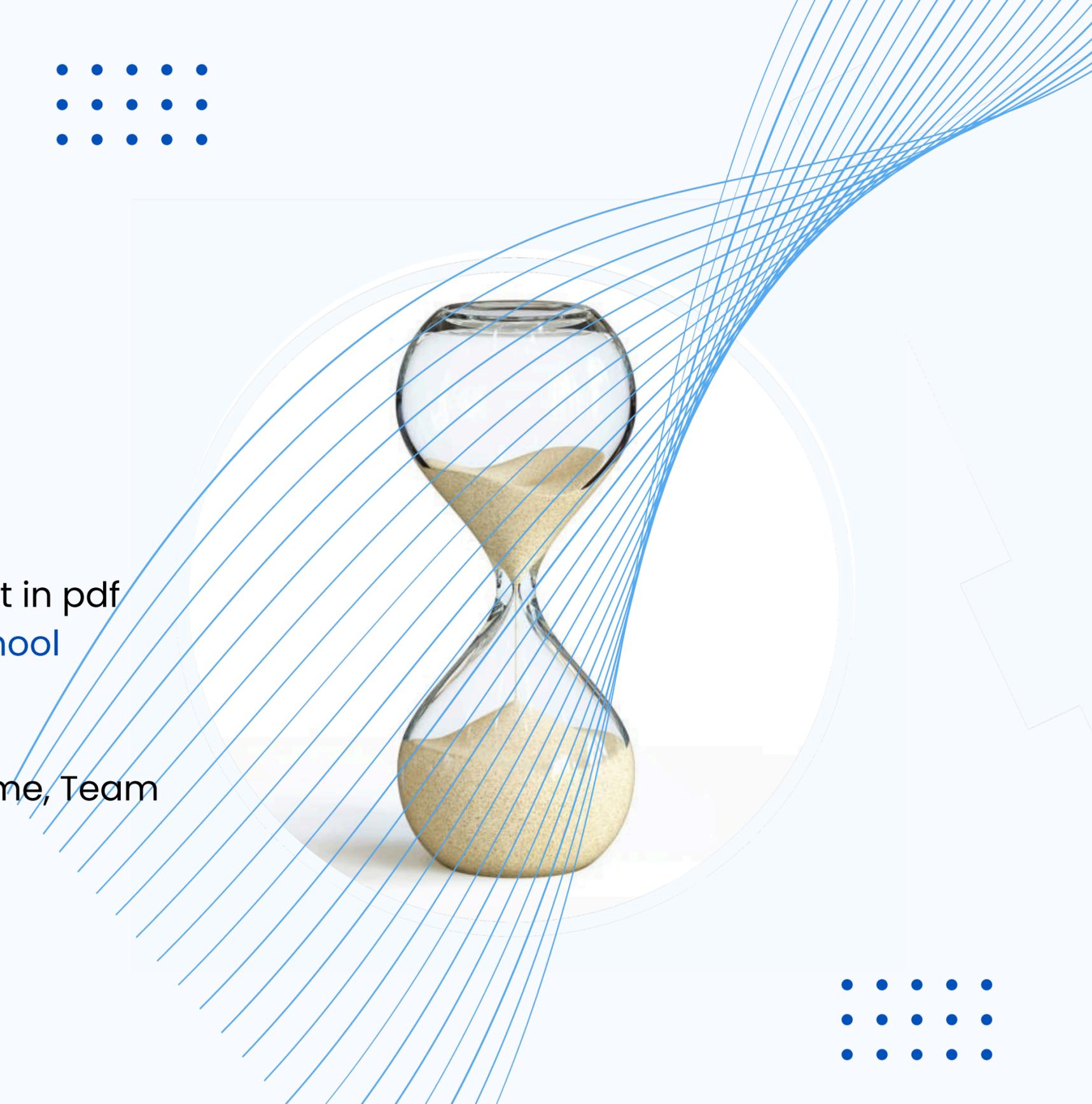
Deadline for Project Submission

Monday 12th May

Submit your Presentation Slides and Project Report in pdf format through the online portal www.learn-AI.School

Additional Note

- Mention clearly on the first slide your School Name, Team Members and Educator.
- You may wish to give your group a name.
- To bring one Laptop per team for the Training.





Get In Touch With Us

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*Empowering the Youth for
An AI-Driven Future*

